



PATENT APPLICATION
Docket No.: 7045.2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
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)
 Edward Jackson)
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Serial No.: 08/888,376) Art Unit
) 1764
Filed: July 7, 1997)
)
For: OPEN SYSTEM SULFUROUS)
 ACID GENERATOR)
)
Examiner: Marian Knode)

STATEMENT UNDER 37 C.F.R. § 1.102(c)

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

The declarant and inventor, Edward Jackson, states as follows:

1. I am a citizen of the United States and over 21 years of age. I make this declaration voluntarily and based upon my own personal knowledge.
2. The technology set forth in this application materially enhances the quality of the environment, or materially contributes to the development and conservation of energy resources.
3. In particular, the present invention contributes to the restoration and maintenance of water and soil. The present invention does so as follows:
 4. Many areas of the world have water that is alkaline, that is, water with high ph caused by the presence of bicarbonates and carbonates at detrimental levels. When such water is

consistently used on soil, it causes the soil to crust and creates a layer in the soil which impedes penetration of water, air, and other nutrients. In short, the soil becomes less productive and eventually useless.

5. The present invention is directed to a self-contained device, having no moving parts, which creates a sufficiently acidic aqueous solution which, when combined with alkaline water, neutralizes the bicarbonates and carbonates in the water, or provides a slightly acidic water to counteract the alkaline nature of already damaged water or soil. That is, the apparatus of the present invention creates a sufficiently acidic solution to neutralize highly alkaline water, to help break down damaged soil to revitalize it. In this way, less water is needed for watering crops and the soil is revitalized.

6. Different forms of the present invention have been patented and are presently pending for patent protection. I have met with water conservation experts, agricultural experts, diplomats and government leaders, as well as other water resource companies, entities and agencies world wide.

7. The invention has been met with excitement and hopes that the invention might be soon made available. Because the invention materially enhances the quality of the environment by contributing to the restoration, maintenance and efficient use of water and soil, I request that prosecution be expedited and advanced out of turn.

8. I declare under penalty of perjury that the foregoing is true and correct.

DATED this 4th day of April, 2001.

EDWARD JACKSON, Declarant and Inventor

